Method and Apparatus For Improving File System Proxy Performance and Security By Distributing Information To Clients Via File Handles

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Abstract

The preferred embodiment of the invention distributes, and effectively caches, information by inserting it into file handles that the proxy sends to clients. This information can be used to improve performance by eliminating the need for the proxy to generate additional requests to the server to establish file identity. The distributed information can also be intended to improve security, for example, by allowing the proxy to encode into the file handle a session key that expires after some amount of time.

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